



CYNOR LABORATORY

Address: National industry, Pipodra GIDC, Surat-394110, Gujarat, India.

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## MATERIAL SAFETY DATA SHEET

Product Name	AMMONIUM CERIC SULPHATE AR
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### 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Trade name : AMMONIUM CERIC SULPHATE 99% AR

Product code : A0199

Identification of the product: AMMONIUM CERIC SULPHATE AR

CAS No : 10378-47-9

#### 1.2 Relevant identified uses of the substance or mixture and uses advised

againstUse: Industrial. For professional use only.

#### 1.3 Details of the supplier of the safety data sheet

Company identification: CYNOR

National industry, Pipodra GIDC, Surat-394110, Gujarat, India.

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### 2. Hazards identification -DSD

#### 2.1 Classification of the substance or mixture

Classification EC 67/548 or EC 1999/45

Classification :

Xi; R36

**Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP) Health**

**hazards** : Specific Target Organ Toxicity - Single exposure - Respiratory tractirritation - Category 3 - Warning (CLP : STOT SE 3) H335

Skin irritation - Category 2 - Warning (CLP : Skin Corr. 2) H315

Eye irritation - Category 2A - Warning (CLP : Eye Irrit. 2) H319

Acute toxicity, Oral - Category 4 - Warning (CLP : Acute Tox. 4) H302

#### 2.2 Label element

Labelling EC 67/548 or EC 1999/45

Symbol(s) :

Xi : Irritant



**R Phrase(s) :**

R36 : Irritating to eyes.

R37 : Irritating to respiratory system.

R38 : Irritating to skin.

**S Phrase(s) :** S22 : Do not breathe dust.

S24 : Avoid contact with skin.

S36 : Wear suitable protective clothing.

**Labelling Regulation EC 1272/2008 (CLP)**

Signal words : Warning

Hazard statements : H319 : Causes serious eye irritation.

H315 : Causes skin irritation.

H335 : May cause respiratory irritation.

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#### **Precautionary statements**

- **Prevention** : P280: Wear protective gloves, protective clothing, eye protection, face protection.  
P271: Use only outdoors or in a well-ventilated area.  
P261: Avoid breathing dust, fume, gas, mist, vapours, spray.  
P264: Wash thoroughly after handling.
- **Response** : P302+P352: IF ON SKIN : Wash with plenty of soap and water.  
P301+P312: IF SWALLOWED : Call a POISON CENTER or doctor if you feel unwell.  
P332+P313: If skin irritation occurs : Get medical advice.  
P305+P351+P338: IF IN EYES : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P304+P340: IF INHALED : Remove to fresh air and keep at rest in a position comfortable for breathing.  
P363: Wash contaminated clothing before reuse.
- **Storage** : P403+P233: Store in well-ventilated place. Keep container tightly closed.  
P405: Store locked up.
- **Disposal considerations** : P501: Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

#### **2.3 Other hazards**

**Other hazards** : The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

### **3. Composition/information on ingredients**

**Substance / Preparation:** AMMONIUM CERIC SULPHATE 98%

CAS No :10378-47-9

Substance.

**Hazardous component(s)** : This product is not hazardous but contains hazardous components.

Contains no other components or impurities which will influence the classification of the product.

### **4. First aid measures**

#### **4.1 Description of first aid measures**

Inhalation : Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.

Skin contact : Specific treatment (see on this label). Get medical advice. Wash contaminated clothing before reuse. Wash with plenty of soap and water if skin irritation occurs.

Eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists : Get medical advice.

Ingestion : Obtain emergency medical attention. Rinse mouth. Do NOT induce vomiting.

#### **4.2 Most important symptoms and effects, both acute and delayed**

Symptoms relating to use : Causes serious eye irritation.

Causes skin irritation. May cause respiratory irritation.

#### **4.3 Indication of any immediate medical attention and special treatment needed**

**General information** : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible)..

**5. Fire-fighting measures**

**5.1 Extinguishing media**

**Suitable extinguishing media** : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

**Unsuitable extinguishing media** : Do not use a heavy water stream.

**Surrounding fires** : Use water spray or fog for cooling exposed containers.

**5.2 Specific hazards arising from the substance or mixture**

**Hazardous combustion products** : Under fire conditions, hazardous fumes will be present.

**5.3 Advice for fire-fighters**

**Protection against fire** : Do not enter fire area without proper protective equipment, including respiratory protection.

**Special procedures** : Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

**6. Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures**

**For emergency responders:**

Equip cleanup crew with proper protection. Ventilate area.

**For non-emergency personnel:**

Evacuate unnecessary personnel.

**6.2 Environmental precautions**

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

**6.3 Methods and material for containment and cleaning up**

**Clean up methods** : On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

**6.4 Reference to other sections**

See section 8. Exposure controls/personal protection

**7. Handling and storage**

**7.1 Precautions for safe handling**

**Handling** : Use only outdoors or in a well-ventilated area. Wash thoroughly after handling.

**Technical protective measures** : Provide good ventilation in process area to prevent formation of vapour.

**Special precautions** : Avoid breathing dust, fume, gas, mist, vapours, spray.

**7.2 Conditions for safe storage, including any incompatibilities**

**Storage** : Keep only in the original container in a cool, well ventilated place. Keep container tightly closed

**Storage - away from** : Strong bases. Strong acids. Sources of ignition. Direct sunlight.

**7.3 Specific end use(s)**

No additional information available

**8. Exposure controls/personal protection**

**8.1 Control parameter**

**Occupational Exposure Limits** : No data available.

**8.2 Exposure control**

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**Personal protection :** Avoid all unnecessary exposure.

- **Respiratory protection :** Wear approved mask.
- **Hand protection :** Wear protective gloves.
- **Eye protection :** Chemical goggles or safety glasses.
- **Others :** When using, do not eat, drink or smoke

## **9. Physical and chemical properties**

### **9.1 Information on basic physical and chemical properties**

Physical state at 20 °C : Solid.

Odour : Odorless

Odour threshold : No data available.

pH value : Not applicable.

Melting point [°C] : 130 °C

Decomposition point [°C] : N/A

Critical temperature [°C] : N/A

Auto-ignition temperature [°C] : N/A

Flammability (solid, gas) : N/A

Flash point [°C] : N/A

Boiling point [°C] : N/A Initial

boiling point [°C] : N/A

Final boiling point [°C] : N/A

Evaporation rate : N/A

Vapour pressure [20°C] : N/A

Vapour pressure mm/Hg : N/A

Vapour density : N/A

Density [g/cm3] : N/A

Relative density, gas (air=1) : N/A

Relative density, liquid (water=1) : N/A

Solubility in water [% weight] : Slightly soluble in

Solubility in water : N/A

Log Pow octanol / water at 20°C : No data available.

Solubility : N/A

Viscosity at 40°C [mm<sup>2</sup>/s] : N/A

### **9.2 Other information**

Explosive properties : N/A

Explosion limits - upper [%] : N/A

Explosion limits - lower [%] : N/A

Oxidising properties : No data available.

## **10. Stability and reactivity**

### **10.1 Reactivity**

**Reactivity :** Not established.

### **10.2 Chemical stability**

**Chemical stability :** Stable under recommended storage conditions.

### **10.3 Possibility of hazardous reactions**

**Hazardous reactions :** Not established.

#### **10.4 Conditions to avoid**

**Conditions to avoid :** Direct sunlight. Extremely high or low temperatures.

#### **10.5 Incompatible materials**

**Materials to avoid :** Strong acids. Strong bases.

#### **10.6 Hazardous decomposition products**

**Hazardous decomposition products :** Fumes. Carbon monoxide. Carbon dioxide.

### **11. Toxicological information**

#### **11.1 Information on toxicological effects**

##### **Acute toxicity**

**Inhalation :** Based on available data, the classification criteria are not met.

- **Dermal :** Based on available data, the classification criteria are not met.

- **Ingestion :** Based on available data, the classification criteria are not met.

- **Corrosion :** Based on available data, the classification criteria are not met.

- **Irritation :** Based on available data, the classification criteria are not met.

**Sensitization :** Based on available data, the classification criteria are not met.

**Mutagenicity :** Based on available data, the classification criteria are not met.

**Carcinogenicity :** Based on available data, the classification criteria are not met.

**Toxic for reproduction :** Based on available data, the classification criteria are not met.

**STOT-single exposure :** Based on available data, the classification criteria are not met.

**STOT-repeated exposure :** Based on available data, the classification criteria are not met.

**Aspiration hazard :** Based on available data, the classification criteria are not met.

### **12. Ecological information**

#### **12.1 Toxicity**

**Toxicity information :** Not established.

#### **12.2 Persistence – degradability**

**Persistence - degradability :** Biodegradable.

#### **12.3 Bioaccumulative potential**

**Bioaccumulative potential :** Not established.

#### **12.4 Mobility in soil**

**Mobility in soil :** Not established.

#### **12.5 Results of PBT and vPvB assessment**

**Results of PBT and vPvB assessment :** The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

#### **12.6 Other adverse effects**

**Environmental precautions :** Avoid release to the environment.

### **13. Disposal considerations**

#### **13.1 Waste treatment methods**

**General :** Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.



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#### **14. Transport information**

##### **14.1 Land transport (ADR-RID)**

General information : Not regulated.

##### **14.2 Sea transport (IMDG) [English only]**

General information : Not regulated.

##### **14.3 Air transport (ICAO-IATA) [English only]**

General information : Not regulated.

#### **15. Regulatory information**

##### **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture substance or mixture**

**Safety, health and environmental** : Ensure all national/local regulations are observed.

##### **regulations/legislation specific for the substance or mixture**

**REACH Restrictions - Annex XVII** : The components of this product are not subject to restrictions.

**REACH Authorisation - Annex XIV** : The components of this product are not subject to authorization.

##### **15.2 Chemical safety assessment**

**Chemical Safety Assessment** : It has not been carried out.

#### **16. Other information**

**Abbreviations and acronyms** : PBT: persistent, bioaccumulative and toxic.vPvB:  
very persistent and very bioaccumulative

**Sources of key data used** : REGULATION (EC) No 1272/2008 OF THE  
EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on  
classification, labelling and packaging of substances and mixtures, amending and  
repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC)  
No 1907/2006

**Further information** : None.

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#### **End of document**

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